



State of Utah

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Division of Facilities Construction and Management

David G. Buxton
Director

ADDENDUM

Date: 17 December 2008

To: Contractors

From: Mike Ambre, Project Manager

Reference: UVU Retention
DFCM Project No. 07355790

Subject: **Addendum No. 2**

Pages	Cover Page	1 page
	Addendum	1 pages
	Attachments	3 pages
	Total	5 pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

1.1 SCHEDULE CHANGES

None

1.2 ADDENDUM

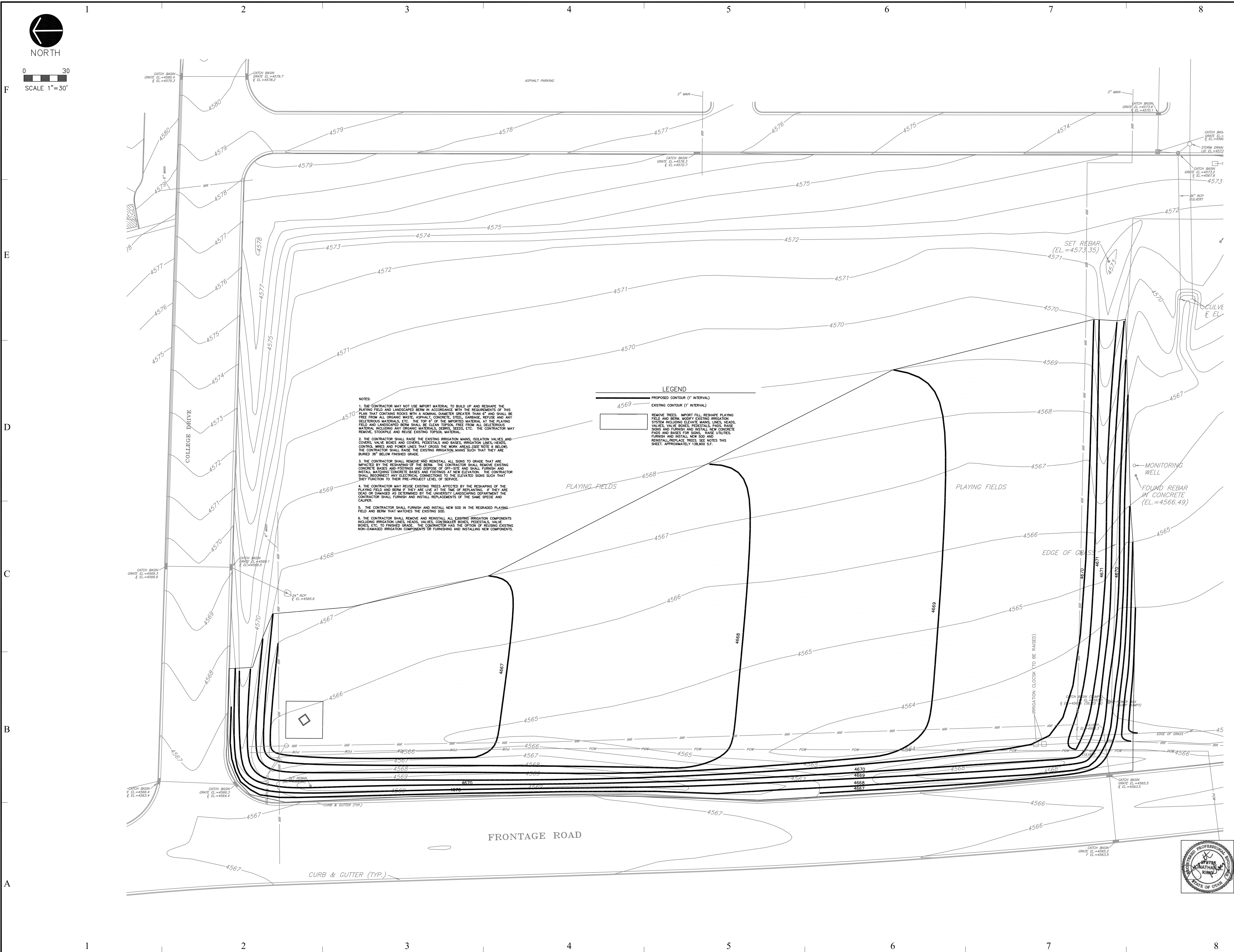
1. The Contractor shall not strip the existing sod prior to placing fill material for the modified retention basin/soccer field.
2. All pipe over 24" in diameter called for installation on this project shall be Class III RCP.
3. The attached grading plan sheet C-107 is a supplemental grading plan that shall replace existing grading plan sheets C-105 and C-106 of the Bid Set. Sheet C-107 shall be plotted to scale of 1"=30' at a 24" x 36" size. Sheet C-107 shows updated grading and notes pertaining to the construction of the retention basin and reshaping of the berm.
4. Attached is an existing irrigation plan of the soccer field provided by the University for the use by the Contractor as a general reference to the existing placement of irrigation components. It is not guaranteed to be either accurate or complete. The University has flagged the existing sprinkler heads for the review by the contractor.
5. The Contractor shall comply with the accompanying UVU Campus Irrigation Materials List and Standards 2008 when either reinstalling or replacing damaged landscape and irrigation components.
6. The total quantity of 42" Class III RCP that the Contractor shall furnish and install on the project shall be 739 lineal feet in place of the 733.2 lineal feet shown on the plan.

Attachments:

Sheet C-107

Existing Irrigation Plan

UVU Campus Irrigation Materials List and Standards 2008



UVU RETENTION

SITE/LOCATION:

UTAH VALLEY
UNIVERSITY
800 S. 1200 W.
OREM, UTAH

PROJECT TITLE:

UVU RETENTION

MARK DATE DESCRIPTION
ISSUE TYPE: SUPPLEMENTARY

ISSUE DATE: 12-17-08

DCM PROJECT NO: 07355790
CAD PROJECT NO: 02-XXXX
CAD DWG FILE: C-107.DWG
DRAWN BY: AD
CHKD BY: JEK
COPYRIGHT: STATE OF UTAH
SHEET TITLE

GRADING
SUPPLEMENTAL

SHEET NUMBER

C-107

SHEET 1 OF 1



UVU CAMPUS IRRIGATION MATERIALS LIST AND STANDARDS 2008

Controllers will be RainBird ESP-SAT- 2W controllers wall mount or stainless steal pedestals
Installation of controller must meet RainBird installation guidelines including surge suppression for 110 power as well as two wire maxi wire protection (surge pipe). All two wire paths must be in 2" conduit with pull boxes no more than 100' apart. Grounding grid must also be included at controller.

Spray heads in lawn shall be RainBird 1804 prs series type
Spray heads in shrub area shall be 1812 prs series type

Rotors in lawn areas will be Hunter I-20, I-25, I-40 gear driven heads
Spacing on all heads will be minimum of head by head coverage no exceptions
Funny pipe connections allowed on all heads that do not exceed rated flows of funny pipe
Lateral Swing Joints on all 1" or larger inlets on heads must be must be used (o-ring pre manufactured swings only)

Valves shall be RainBird PESB electric remote control scrubber valves 1"-2"
2" valves not to exceed 60 gpm no exceptions
2" isolation valve in all valve boxes
No more than 2 valves in any valve box
All control wires shall be 14 ga. Wire (red - hot, white-common , blue- spare)
Spare wire must be run through all valve boxes to the farthest point or points from the controller.
Maxicom wire will be 14-2 maxi wire or PE-39 communication wire no exceptions

PVC pipe shall be sch 40 on 2" through 3/4" pressure rated pipe
PVC pipe 2 1/2" and up to 6" shall be gasketed pressure rated pipe class 200 or sch 40
All fittings on 2 1/2" pipe or larger will have harco or cast iron fittings
Pipe smaller than 2" will be glued fittings only
Thrust blocks will be used on all fittings over 2" no exceptions
2" nut type isolation gate valve on any connection point off the 6" mains
Sleeves must be used anywhere that pipe travels under concrete

King automatic drains may be used on lateral lines only
Manual drains 3/4" gascocks on all main lines
1" RainBird quick couplers to be installed as noted on plans

UVSC water dept. will inspect all pipe, head and valve layout before allowing any burial of system. This includes controllers and isolations including MAXICOM installations!! Contact Russ Clegg 362-9515 Jack Bosewell 376-5942 UVSC GROUNDS

All main lines and lateral lines will be pressure checked at a minimum of 150 psi for a period of no less than 2 hours.

All lateral drains will have a gravel sump of at least 12 x 12" unless released by watermaster to do other wise.

All main line drains will have 12 x 12" gravel sump or larger no exceptions

All main line drains will have a 2" pvc pipe with a 2" snug cap on top

All wiring that is done on Maxicom system wiring will be Super Serviceal closures or equivalent their will be no exceptions. (Equivalent must be approved prior to use)

All field wiring will be done with waterproof connections on all splices at valves and in field

A pull box will be installed at all field and maxicom wire connections that is not already in valve box or a above ground enclosure

All grounding connections in ground will be done with a Cadweld grounding connection "one shot" ground rod connector

Any and All changes must be approved before preceding with any work related to project. Their will be no recourse action after change if no approval was given in writing prior to doing work!

CONTRACTOR MUST BE GLUE CERTIFIED

Contractor must be licenced and insured and show glue certification to watermaster.

CONTRACTOR IS RESPONSIBLE TO READ AND UNDERSTAND ALL ITEMS LISTED ABOVE BEFORE WORK IS STARTED !!!

Revised 01/04